



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory
NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005



Job No.: CTCE/BBMP/WNo.03/PCK/GSB-II/GR/2014-15

Date : 12.01.2015

GRADATION FOR GSB(Coarse Graded-2) IS : 2720 (Part - 4)

Client : Asst. Executive Engineer, Yelahanka-New Town Sub Division, BBMP, Bangalore.
Agency : Mr. P. Channakrishna, Contractor, Bangalore.
Name of Work : Improvements of roads in Ananthapura Dhobighat of Attur Ward No. 03, BBMP, Bangalore.
Reference : BBMP/AEE/YNTSD/171/2014-15 Dated: 09.01.2015
Date of Testing : 12.01.2015

Sample Source : Mix Plant Bangalore.

Oven Dry Wt (gm) : 25355

TABLE - 1

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Specified Limits
53	-	-	-	100	100
26.5	9546	9546	37.65	62.35	50-80
4.75	11258	20804	82.05	17.95	15-35
0.075	4127	24931	98.33	1.67	0-10
PAN	424				
Total	25355				



Remarks: Satisfies MORTH Specifications as per Table-400-I, Grading-II

Note:

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3. Any Query regarding the report must be reported within 15 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers

23/14, 7th Cross, 3rd Stage,
4th Block, Shakthiganapathinagara,
Basaveshwaranagar,
Bangalore-560079

(A.E.)

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ಕಾರ್ಯಕರ್ತರ ಸಹಯೋಗದೊಂದಿಗೆ
ಯಶಸ್ವಿ ಸಂಪನ್ಮೂಲಗಳನ್ನು
ಪರಿಶೀಲಿಸಿ, ಪರಿಶೀಲಿಸಿ, ಪರಿಶೀಲಿಸಿ

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Job No.: CTCE/BBMP/WN/03/PCK/GSB-JL/AL/2014-15

Date : 12.02.2015

ATTERBERG LIMITS TEST FOR GSB MORTH TABLE-400-13

Client : Asst. Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore
Agency : Mr. P. Channakrishna, Contractor, Bangalore
Name of Work : Improvements of roads in Ananthapura Dhobighat of Attur Ward No. 03, BBMP, Bangalore.
Reference : BBMP/AEE/YNTSD/171/2014-15 Dated: 09.01.2015
Date of Testing : 12.02.2015
Sample Source : Mix Plant Bangalore.

Sl. No.	Particulars	Test Results	Standards as per Specifications
1	Liquid Limit, %	21.80	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

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12/2
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Job No: CTCE/BBMP/WNo.03/PCK/WBM-III/2014-15



Date: 13.01.2015

REPORT

Client	:	Asst. Executive Engineer, Yelahanka New Town Sub Division, BBMP, Bangalore.
Agency	:	Mr. P. Channakrishna, Contractor, Bangalore.
Name of the Work	:	Improvements of roads in Ananthapura Dhobighat of Attur Ward No. 03, BBMP, Bangalore.
Reference	:	BBMP/AEE/YNTSD/171/2014-15 Dated: 09.01.2015
Type of Mix	:	Water Bound Macadam (Grade-III Metal)
Date of Sampling	:	11.01.2015
Date of Testing	:	13.01.2015

1) SEIVE ANALYSIS:

IS Sieve designation Size,mm	Percentage by Weight Passing for Graded Aggregate	Percentage by Weight Passing as per MORTH table 400-7
63mm	100.00	100.00
53mm	97.20	95-100
45mm	72.35	65-90
22.4mm	6.50	0-10
11.2mm	2.15	0-5

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REPORT

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Type of Mix	: Water Bound Macadam (Grade-III Metal)
Date of Sampling	: 11.01.2015
Date of Testing	: 13.01.2015

Tests on Filler Screen Material (Gravel) (As per MORTH Clause 404.2.6)

Sl. No	Particulars	Test Results	Standards as per MORTH
1.	Liquid Limit, %	12.15	20.0% Maximum.
2.	Plasticity Index, %	Non Plastic	6.0% Maximum.
3.	% Finer than 75micron	5.30	10.0% Maximum.



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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನಗರ ಪಂಚಾಯತ್ ಕಾರ್ಯಾಲಯ,
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